



Service Bulletin

INFORMATION

Subject: Spark From Harmonic Balancer

Models: 2015-2016 Buick Lacrosse, Enclave
2015-2016 Cadillac ATS, CTS
2015-2016 Cadillac SRX, XTS
2015-2016 Chevrolet Camaro
2015-2016 Chevrolet Equinox, Impala, Traverse
2015-2016 GMC Acadia, Terrain
Equipped with 3.6L HFV6 engine RPO's LLT, LFX, LGX, LF3, LF4

The following diagnosis might be helpful if the vehicle exhibits the symptom(s) described in this PI.

Condition/Concern

A customer may bring their vehicle in for a snap, tick, or spark from the harmonic balancer.

If you find this condition and actually have a spark from the inside hub to the outside ring on the harmonic balancer, use the following instructions to make a temporary repair.

Recommendation/Instructions

Measure the resistance from the center of the hub to the outside ring of the harmonic balancer.

If the resistance is higher than 500k Ohms then perform the following fix.

1. Clean the harmonic balancer with brake cleaner.
2. Apply a bead of liquid metal defogger grid repair material from the center hub to the outer ring on the balancer across the rubber.
Note: This is available at most auto parts stores and available from Loctite, 3M, and Permatex to name a few.
3. Allow to dry for 24 hours and re-measure resistance.

You should now have less than 500k Ohms of resistance.

Note: Engineering is working to get a new part available for a more permanent repair.

This PI will be updated with further information at that time.

Please follow this diagnostic or repair process thoroughly and complete each step. If the condition exhibited is resolved without completing every step, the remaining steps do not need to be performed.

GM bulletins are intended for use by professional technicians, NOT a "do-it-yourselfer". They are written to inform these technicians of conditions that may occur on some vehicles, or to provide information that could assist in the proper service of a vehicle. Properly trained technicians have the equipment, tools, safety instructions, and know-how to do a job properly and safely. If a condition is described, DO NOT assume that the bulletin applies to your vehicle, or that your vehicle will have that condition. See your GM dealer for information on whether your vehicle may benefit from the information.



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